



State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

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*Lieutenant Governor*

March 9, 2004

CERTIFIED RETURN RECEIPT  
7099 3400 0016 8896 1942

Paul Feltch  
Uintah County Road Department  
1489 East 335 South  
Vernal, Utah 84078

Subject: Five-Year Review of Reclamation Surety Estimate, Uintah County Road Department, Asphalt Mine, M/047/022, Uintah County, Utah

Dear Mr. Feltch:

Thank you for your cooperation assisting the Division in acquiring the requested information regarding the five-year review status of your Asphalt Mine, located in Uintah County, Utah. The last surety estimate for this mine was \$146,400 in 1996 dollars. Upon review of the information furnished by Crown Resources and Uintah County and several site visits to verify the site conditions, we have adjusted Uintah County's reclamation surety to reflect the recent agreement between Uintah County and Crown Resources. This agreement is that all disturbances located in Section 30, with the exception of Crown's processing area, is now Uintah County's reclamation responsibility and all disturbances in Section 31 will become Crown's responsibility.

Prior to this agreement Uintah County's mine plan contained seven areas plus the gravel lease. The seven areas (R-1 thru R-7) contained a total of 80.54 acres of bonded disturbance, and a total of 89 acres under permit. As a result of the agreement between Uintah County and Crown and the release of a 9.48 acre reclaimed area within Section 30, 48 acres, the area of disturbance covered by the attached bond has been reduced to 43.6 acres. This bond does not cover the 12.93 acres of disturbance within the State gravel lease.

The new surety for the Asphalt Mine escalated to the year 2009 is \$115,900. A Surety Estimate Update is attached for your use. Please provide the updated surety within 60 days or no later than May 10, 2004. You may provide a

CC: M/047/032



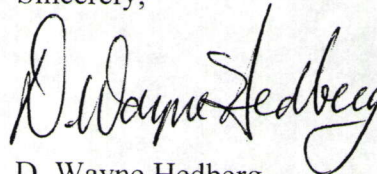
Paul Feltch  
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rider to the existing surety and no other paperwork will be necessary. However, if you choose to post another form of surety, please contact Joelle Burns at (801) 538-5291 to obtain the current bonding forms or you may access the current forms on the internet at [www.nr.utah.gov](http://www.nr.utah.gov). If you post another form of surety, we will require that you also replace the Reclamation Contract, which is also located on the web. Please fax a "draft" copy of the documents so we can review them for completeness and accuracy before they are finalized.

Because of the changes brought about by your agreement with Crown Resources as to the reclamation responsibilities at the site, Uintah County should file an amendment to the present plan outlining these changes.

Thank you for your help to keep the surety current. If you have any questions concerning this letter, please contact Doug Jensen at (801) 538-5382.

Sincerely,



D. Wayne Hedberg  
Permit Supervisor  
Minerals Regulatory Program

DWH:DJ:jb  
Attachment: Surety estimate update  
cc: John Blake, SITLA  
Doug Jensen, DOGM  
O:\M047-Uintah\M0470022-UintahAsphaltRidge\final\bond-escal-03092004.doc



RECLAMATION SURETY ESTIMATE					
Uintah County		last revision		11/13/96	
Asphalt Mine		filename M047-022.WB2			
DOGM file number M/047/022		Uintah County			
Prepared by Utah State Division of Oil, Gas & Mining					
-Acreages for R-1, R-2, R-3, & R-5 have been reduced due to a release of 9.48 acres of reclaimed areas which constituted a portion of each of these areas.					
-Approximately 15 acres of areas R-1 & R-3 removed of Uintah County permit is now bonded by Crown Resources. This is the area of their processing plant.					
-Area R-7 was removed from Uintah County's reclamation responsibility (now bonded by Crown), due to an agreement between Crown and Uintah County.					
Note: actual unit costs may vary according to site conditions		last unit cost update		7-Oct-02	
-Amount of disturbed area which will receive reclamation treatments =				42.92 acres	
-Estimated total disturbed area for this mine =				42.92 acres	
Reclamation Details					
Area R-1 0.48 acres		Quantity	Units	\$/unit	\$
					Note
Removal of Asphalt from access road		500	lf	5	2500
Rip road base prior to seeding		0.48	acres	246	118
Broadcast Seeding		0.48	acre	300	144
Fertilizer (200 lb/acre)		0.48	acre	90	43
Clean-up		0.48	acre	50	24
Monitoring (1 day/year for 3 years)		1	area	600	600
		Subtotal for R-1			\$3,429
Area R-2 0.9 acres					
Earthwork (600 CY/hr)		1	hr	246	246
Rip surface prior to seeding		0.9	acre	246	221
Broadcast seeding		0.9	acre	300	270
Fertilizer (200 lb/acre)		0.9	acre	90	81
Clean-up		0.9	acre	50	45
Monitoring (1 day/year for 3 years)		1	area	600	600
Removal of asphalt from access road		650	lf	5	3250
		Subtotal for R-2			\$4,713
Area R-3 5.8 acres					
Earthwork (600 cy/hr)		56	hr	246	13776
Ripping surface prior to seeding		5.8	acres	246	1427
Broadcast seeding		5.8	acres	300	1740
Fertilizer (200 lb/acre)		5.8	acres	90	522
Clean-up		5.8	acres	50	290
Monitoring (1 day/year for 3 years)		1	area	600	600
		Subtotal for R-3			\$18,355
Area R-4 11.84 acres					
Earthwork (600 CY/hr)		31	hr	246	7626
Ripping prior to seeding		11.84	acres	246	2913
Broadcast seeding		11.84	acres	300	3552
Fertilizer (200 lb/acre)		11.84	acres	90	1066
Clean-up		11.84	acres	50	592
Monitoring (1day/year for 3 years)		1	area	600	600
		Subtotal for R-4			\$16,348
Area R-5 16.58 acres					
Earthwork (600 CY/hr)		46	hr	246	11316
Ripping prior to seeding		16.58	acres	246	4079
Broadcast seeding		16.58	acres	300	4974
Fertilizer (200 lb/acre)		16.58	acres	90	1492
Monitoring (1 day/year for 3 years)		1	area	600	600
Remval of asphalt from access road		350	lf	5	1750
		Subtotal for R-5			\$24,211
Area R-6 8.0 acres					
Earthwork (600 CY/hr)		16	hr	246	3936
Ripping prior to seeding		8	acres	246	1968
Broadcast seeding		8	acres	300	2400
Fertilizer		8	acres	90	720
Clean-up		8	acres	50	400
Monitoring (1 day/year for 3 years)		1	area	600	600
		Subtotal for R-6			\$10,024
Equipment mobilization		3	equip	2000	6000
Reclamation supervision (10% of surety estimate)					8308
		Subtotal			\$91,388
10% Contingency					9139
		Subtotal			\$100,527
Escalate for 5 years at 2.89% per yr					15390
		Total			\$115,917
		Rounded surety amount in yr 2009-\$			\$115,900
Average cost per disturbed acre =		\$2,700			